AMENDMENT TO CLAIMS

Listing of Claims:

This listing of claims will replace all prior version, and listings, of claims in the application:

Claims 1-22 (Canceled)

Claim 23 (Currently Amended): A relay apparatus for delivering video stream data from a server having an image sensing device to clients via ~~Internet,~~ a network, comprising:

a connection management device adapted to make a connection with the server having the image sensing device via ~~Internet,~~ the network, and to get the video stream data from the server having the image sensing device~~, and to deliver video stream data to a first client in response to a request from the first client via Internet~~,

a memory control device adapted to store the video stream data from the server having the image sensing device, in a buffer memory[[,]];and

a deliver device adapted to deliver the video stream data stored in the buffer memory via the network,

~~wherein said connection management device establishes a connection between the relay apparatus and the server, and delivers the video stream data stored in the memory buffer to a second client based on a request from the second client, and~~

wherein the deliver device adapted to determine whether the deliver device receives requests each from the first and second clients during a predetermined period, and to deliver

the same video data of the video stream data to the first and second clients in case that the deliver device receives the requests each from the first and second clients during the predetermined period, and

wherein ~~said~~ the connection management device delivers the video stream data stored in the buffer memory to the a first client different from the second client ~~based on a request from the first client~~ without starting a new connection between the relay apparatus and the server, in case that a connection has been established between the relay apparatus and the server to deliver the video stream data to a the second client.

Claim 24 (Previously Presented): The apparatus according to claim 23, wherein a protocol between the relay apparatus and the clients is HTTP.

Claim 25 (Previously Presented): The apparatus according to claim 23, wherein the connection management device converts a first format of the video stream data to a second format for the clients.

Claim 26 (Canceled).

Claim 27 (Currently Amended): The apparatus according to claim 23, wherein the predetermined period is a period between the point where the deliver device receives a request from one of the first and second clients and the point where the deliver device receives a next request from the same client. ~~said connection management device delivers the video stream data stored in the buffer memory to the first client without starting a new connection between~~

~~the relay apparatus and the server, in case that said connection management device receives the request from the first client within a predetermined period from receiving a request from the second client~~

Claim 28 (Currently Amended): The relaying method to deliver video stream data from a server having an image sensing device to clients via ~~Internet~~ the network, comprising the steps of:

making a connection between a relay apparatus and the server having the image sensing device via ~~Internet~~ the network,

getting the video stream data from the server having the image sensing device and storing the video stream data in a buffer memory,

determining whether requests each from the first and second clients are received during a predetermined period,

delivering the same video data of the video stream data to the first and a second clients via the network, in case that the request each from the first and second clients are received during the predetermined period ~~the video stream data in the buffer memory to a first client in response to a request from the first client via Internet~~,

~~wherein a connection between the relay apparatus and the server is established, and the video stream data is delivered to a second client based on a request from the second client; and~~

wherein the video stream data is delivered to the a first client different from the second client ~~based on a request from the first client~~ without starting a new connection between the

relay apparatus and the server, in case that a connection between the relay apparatus and the server has been established to deliver the video stream data to the second client.

Claim 29 (Previously Presented): The method according to claim 28, wherein a protocol between the relay apparatus and the clients is HTTP.

Claim 30 (Previously Presented): The method according to claim 28, wherein a first format of the video stream data is converted to a second format for the clients.

Claim 31 (Canceled).

Claim 32 (Currently Amended): The method according to claim 28, wherein the predetermined period is a period between the point where a request from one of the first and second clients is received in the relay apparatus and the point where a next request from the same client is received in the relay apparatus ~~video stream data stored in the buffer memory is delivered to the first client without starting a new connection between the relay apparatus and the server, in case that the request from the first client is received within a predetermined period from receiving a request from the second client~~.

Claim 33 (Currently Amended): A storage medium to store computer program to execute a relaying method to deliver video stream data from a server having an image sensing device to clients via ~~Internet, said~~ a network, the computer program comprising the codes of:

making a connection between a relay apparatus and a server having the image sensing device via the network ~~Internet~~,

getting the video stream data from the server having the image sensing device and storing the video stream data in a buffer memory,

determining whether requests each from the first and second clients are received during a predetermined period,

delivering the same video data of the video stream data to the first and second clients via the network, in case that the requests each from the first and second clients are received during the predetermined period via the network, ~~the video stream data in the buffer memory to a client in response to a request from the client via Internet,~~

~~wherein a connection between the relay apparatus and the server is established, and the video stream data is delivered to a second client based on a request from the second client; and~~

wherein the video stream data is delivered to ~~the~~ a first client different from the second client ~~based on a request from the first client~~ without starting a new connection between the relay apparatus and the server, in case that a connection between the relay apparatus and the server has been established to deliver the video stream data to the second client.

Claim 34 (Previously Presented): The storage medium according to claim 33, wherein a protocol between the relay apparatus and the clients is HTTP.

Claim 35 (Previously Presented): The storage medium according to claim 33, wherein a first format of the video stream data is converted to a second format for the clients.

Claim 36 (Canceled).

Claim 37 (Previously Presented): The storage medium according to claim 33, wherein the predetermined period is a period between the point where the deliver device receives a request from one of the first and second clients and the point where the deliver device receives a next request from the same client. ~~the video stream data stored in the buffer memory is delivered to the first client without starting a new connection between the relay apparatus and the server, in case that the request from the first client is received within a predetermined period from receiving a request from the second client.~~